

THE following Returns of Births and Deaths registered in South Australia during the undermentioned period are published for general information.

Chief Secretary's Office, Adelaide, December 12th, 1896.  
J. V. O'LOGHLIN, Chief Secretary.

Return of Births and Deaths registered in South Australia, exclusive of the Northern Territory, in the Month of October, 1891-96.

Years .....	1891.	1892.	1893.	1894.	1895.	Average of Five Years.	1896.											Total for 1896.
*Population, Oct. 1st	318,049	327,758	338,724	343,460	349,115		351,316											
Births.....	886	828	859	885	863	864	795											8,400
Rate per cent. ....	·279	·253	·254	·258	·247	—	·226											
Deaths—							All Ages.	Under 1 year.	1 and under 5.	6 and under 20.	20 and under 40.	40 and under 60.	60 and under 80.	80 and upwards.	Not stated.	Coroners' Inquiries.	Uncertified causes of Death.	
All causes .....	324	228	381	292	351	315	275	53	14	25	56	45	60	22	—	33	11	3,365
Rate per cent. ....	·102	·070	·112	·085	·101	—	·078	—	—	—	—	—	—	—	—	—	—	
Diseases—																		
I. Specific Febrile or Zymotic ..	47	12	85	26	40	—	24	6	2	3	9	1	3	—	—	—	—	
II. Parasitic .....	—	—	1	2	2	—	1	—	—	—	—	—	1	—	—	—	—	
III. Dietic .....	3	—	—	2	2	—	—	—	—	—	—	—	—	—	—	—	—	
IV. Constitutional..	59	45	59	47	72	—	63	5	2	6	20	19	10	1	—	—	—	
V. Developmental..	49	35	40	36	42	—	28	7	—	—	—	—	9	12	—	—	—	
VI. Local .....	139	103	159	148	163	—	126	27	7	10	19	20	35	8	—	—	—	
VII. Violence .....	9	17	19	16	15	—	23	1	3	6	7	4	1	1	—	—	—	
VIII. Ill-defined and not specified causes .....	18	16	18	15	15	—	10	7	—	—	1	1	1	—	—	—	—	

\* The numbers represent the population of South Australia proper, and are exclusive of that of the Northern Territory (European and Chinese), and also of the number of the aborigines.  
† Including inquests.  
‡ Not certified by qualified practitioners.

Causes of Deaths registered in the Month of October, 1896.

I.	Under One Year.	One Year and Above.	V.	Under One Year.	One Year and Above.	VII.	Under One Year.	One Year and Above.
Measles .....	—	—	Premature birth.....	5	—	Diseases of locomotive system .....	—	—
Scarlet fever .....	—	—	Cyanosis .....	—	—	Diseases of integumentary system.....	—	—
Relapsing fever .....	—	—	Congenital defects.....	2	—	(Accident.)		
Influenza .....	1	8	Old age .....	—	21	Fracture and contusion....	—	11
Whooping-cough .....	—	—	VI.			Gunshot wound .....	—	1
Diphtheria .....	—	—	Apoplexy .....	—	6	Cut, stab.....	—	—
Simple and ill-defined fever..	—	—	Epilepsy .....	—	—	Burn and scald .....	—	2
Enteric fever .....	—	3	Convulsions .....	7	3	Poison .....	—	1
Simple cholera .....	1	—	Other diseases of brain and nervous system .....	1	11	Drowning .....	—	1
Diarrhoea, dysentery.....	4	1	Diseases of organs of special sense .....	—	1	Suffocation .....	—	—
Remittent fever .....	—	—	Diseases of circulatory system .....	1	26	Otherwise .....	—	—
Venereal affections.....	—	1	Croup .....	—	1	(Homicide.)		
Erysipelas .....	—	—	Bronchitis .....	5	6	Murder and manslaughter..	1	1
Pyæmia and septicæmia ....	—	1	Pneumonia .....	6	9	(Suicide.)		
Puerperal fever .....	—	4	Pleurisy .....	—	3	Gunshot wound.....	—	1
Other zymotic diseases .....	—	—	Other diseases of respiratory system.....	1	3	Cut, stab.....	—	—
II.			Dentition .....	1	—	Poison .....	—	1
Thrush .....	—	—	Quinsy, sore throat .....	—	—	Drowning .....	—	1
Worms and other parasitical diseases .....	—	1	Enteritis .....	3	4	Hanging .....	—	2
III.			Peritonitis .....	—	1	Otherwise .....	—	—
Privation—want of breast milk	—	—	Diseases of liver.....	1	5	(Execution.)		
Alcoholism .....	—	—	Other diseases of digestive system.....	1	8	Hanging .....	—	—
IV.			Diseases of lymphatic system and of ductless glands .....	—	1	VIII.		
Rheumatic fever and rheumatism of heart .....	—	1	Diseases of urinary system .....	—	10	Dropsy .....	—	—
Rheumatism .....	—	—	Diseases of generative system .....	—	1	Debility, atrophy, inanition	7	2
Gout .....	—	20	Accidents of childbirth....	—	—	Mortification .....	—	—
Cancer, malignant disease....	—	—				Tumor .....	—	—
Tabes mesenterica .....	—	—				Abscess .....	—	—
Tubercular meningitis .....	3	3				Hæmorrhage .....	—	1
Phthisis .....	—	25				Sudden, cause unascertained	—	—
Scrofula, tuberculosis .....	2	6				Other ill-defined and not specified causes .....	—	—
Other constitutional diseases..	—	3						

## Return of Births and Deaths registered in the City of Adelaide in the Month of October, 1891-96.

Years .....	1891.	1892.	1893.	1894.	1895.	Average of Five Years.	1896.											Total for 1896.
Population, Jan. 1st	37,727	38,240	39,073	39,749	40,167		40,406											
Births .....	109	100	95	88	108	100	98											899
Rate per cent.....	·289	·262	·243	·221	·269	—	·243											
<i>Deaths—</i>							All Ages.	Under 1 year.	1 and under 5.	5 and under 20.	20 and under 40.	40 and under 60.	60 and under 80.	80 and upwards.	Not stated.	*Coroner's inquiries.	+Uncertified causes of death.	
All causes	76	47	75	61	80	68	56	6	2	4	20	10	11	3	—	7	—	734
Rate per cent.....	·201	·123	·192	·153	·199	—	·139	—	—	—	—	—	—	—	—	—	—	
<i>Diseases—</i>																		
I. Specific Febrile or Zymotic ..	11	3	12	3	8	—	5	1	—	1	3	—	—	—	—	—	—	
II. Parasitic .....	—	—	1	1	—	—	1	—	—	—	—	—	1	—	—	—	—	
III. Dietic .....	1	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	
IV. Constitutional ..	16	10	19	13	19	—	14	1	—	1	5	3	3	1	—	—	—	
V. Developmental..	5	6	8	6	11	—	7	2	—	—	—	—	3	2	—	—	—	
VI. Local .....	36	19	24	34	40	—	21	1	1	1	9	5	4	—	—	—	—	
VII. Violence .....	1	3	5	1	2	—	8	1	1	1	3	2	—	—	—	—	—	
VIII. Ill-defined and not specified causes ....	6	6	6	2	—	—	—	—	—	—	—	—	—	—	—	—	—	

\* Including inquests.

+ Not certified by qualified practitioners.

## Causes of Deaths registered in the Month of October, 1896.

	Under One Year.	One Year and Above.		Under One Year.	One Year and Above.		Under One Year.	One Year and Above.
I.			Scrofula, tuberculosis ....	—	1	Accidents of childbirth ....	—	—
Measles .....	—	—	Other constitutional diseases	—	—	Diseases of locomotive system	—	—
Scarlet fever .....	—	—				Diseases of integumentary system .....	—	—
Relapsing fever .....	—	—	V.					
Influenza .....	—	1	Premature birth .....	1	—	VII. (Accident.)		
Whooping-cough .....	—	—	Cyanosis .....	—	—	Fracture and contusion....	—	3
Diphtheria .....	—	—	Congenital defects .....	1	—	Gunshot wound .....	—	—
Simple and ill-defined fever..	—	—	Old age .....	—	5	Cut, stab .....	—	—
Enteric fever .....	—	1				Burn and scald .....	—	—
Simple cholera .....	—	—	VI.			Poison .....	—	1
Diarrhoea, dysentery .....	1	—	Apoplexy .....	—	1	Drowning .....	—	—
Remittent fever .....	—	—	Epilepsy .....	—	—	Suffocation .....	—	—
Venereal affections .....	—	—	Convulsions .....	—	—	Otherwise .....	—	—
Erysipelas .....	—	—	Other diseases of brain and nervous system .....	—	2	(Homicide.)		
Pyæmia and septicæmia ....	—	—	Diseases of organs of special sense .....	—	1	Murder and manslaughter..	1	1
Puerperal fever .....	—	2	Diseases of circulatory system	—	4	(Suicide.)		
Other zymotic diseases .....	—	—	Croup .....	—	1	Gunshot wound .....	—	1
II.			Bronchitis .....	—	—	Cut, stab .....	—	—
Thrush .....	—	—	Pneumonia .....	—	4	Poison .....	—	—
Worms and other parasitical diseases .....	—	1	Pleurisy .....	—	1	Drowning .....	—	—
III.			Other diseases of respiratory system .....	—	—	Hanging .....	—	1
Privation—want of breast milk	—	—	Dentition .....	—	—	Otherwise .....	—	—
Alcoholism .....	—	—	Quinsy, sore throat .....	—	—	(Execution)		
IV.			Enteritis .....	—	—	Hanging .....	—	—
Rheumatic fever and rheumatism of heart .....	—	—	Peritonitis .....	—	—	VIII.		
Rheumatism .....	—	—	Diseases of liver .....	1	3	Dropsy .....	—	—
Gout .....	—	—	Other diseases of digestive system .....	—	—	Debility, atrophy, inanition	—	—
Cancer, malignant disease ..	—	5	Diseases of lymphatic system and of ductless glands	—	—	Mortification .....	—	—
Tabes mesenterica .....	—	—	Diseases of urinary system	—	3	Tumor .....	—	—
Tubercular meningitis .....	1	—	Diseases of generative system	—	—	Abscess .....	—	—
Phthisis .....	—	7				Hæmorrhage .....	—	—
						Sudden, cause unascertained	—	—
						Other ill-defined and not specified causes .....	—	—



*Return of Births and Deaths registered in each Ward of the City of Adelaide, exclusive of Deaths in Public Institutions, of persons not usually resident in the city, in the Month of October, 1896.*

	Total.	Hindmarsh.	Gawler.	Grey.	Young.	Robe.	MacDonnell.
Area in acres.....	3,632	573	659	552	718	480	650
Estimated population January 1st .....	40,406	6,313	7,041	8,496	9,870	3,705	4,981
Persons to an acre .....	11·1	11·0	10·7	15·4	13·7	7·7	7·7
Births .....	98	16	11	36	26	4	5
Male .....	56	11	4	20	16	2	3
Female .....	42	5	7	16	10	2	2
Deaths .....	40	10	7	9	6	3	5
Male .....	23	8	5	5	1	1	3
Female .....	17	2	2	4	5	2	2
CLASSES.							
I. Specific Febrile or Zymotic Diseases.....	5	—	2	1	1	1	—
II. Parasitic Diseases .....	—	—	—	—	—	—	—
III. Dietic Diseases.....	—	—	—	—	—	—	—
IV. Constitutional Diseases .....	10	2	—	3	2	1	2
V. Developmental Diseases .....	7	3	—	2	2	—	—
VI. Local Diseases .....	13	5	2	2	1	1	2
VII. Violence.....	5	—	3	1	—	—	1
VIII. Ill-defined and not specified causes .....	—	—	—	—	—	—	—
Percentage of Deaths to population of each Ward .....	·099	·158	·099	·106	·061	·081	·100

*Causes of Deaths registered in the Month of October, 1896.*

	Under One Year.	One Year and Above.		Under One Year.	One Year and Above.		Under One Year.	One Year and Above.
I.			Phthisis.....	—	5	Accidents of childbirth ....	—	—
Measles .....	—	—	Scrofula, tuberculosis .....	—	1	Diseases of locomotive system	—	—
Scarlet fever .....	—	—	Other constitutional diseases.	—	—	Diseases of integumentary system .....	—	—
Relapsing fever .....	—	—	V.			VII.		
Influenza .....	—	1	Premature birth .....	1	—	(Accident.)		
Whooping-cough .....	—	—	Cyanosis .....	—	—	Fracture and contusion ....	—	1
Diphtheria .....	—	—	Congenital defects .....	1	—	Gunshot wound .....	—	—
Simple and ill-defined fever ..	—	—	Old age .....	—	5	Cut, stab .....	—	—
Enteric fever .....	—	1	VI.			Burn and scald .....	—	—
Simple cholera .....	—	—	Apoplexy .....	—	1	Poison .....	—	—
Diarrhoea, dysentery .....	1	—	Epilepsy .....	—	—	Drowning .....	—	—
Remittent fever .....	—	—	Convulsions .....	—	—	Suffocation .....	—	—
Venereal affections.....	—	—	Other diseases of brain and nervous system.....	—	2	Otherwise .....	—	—
Erysipelas .....	—	—	Diseases of organs of special sense .....	—	1	(Homicide.)		
Pyæmia and septicæmia ....	—	—	Diseases of circulatory system	—	2	Murder and manslaughter ..	1	1
Puerperal fever .....	—	2	Croup .....	—	1	(Suicide.)		
Other zymotic diseases .....	—	—	Bronchitis .....	—	—	Gunshot wound .....	—	1
II.			Pneumonia .....	—	2	Cut, stab .....	—	—
Thrush .....	—	—	Pleurisy .....	—	1	Poison .....	—	—
Worms and other parasitical diseases .....	—	—	Other diseases of respiratory system .....	—	—	Drowning .....	—	—
III.			Dentition .....	—	—	Hanging .....	—	1
Privation — Want of breast milk.....	—	—	Quinsy, sore throat .....	—	—	Otherwise .....	—	—
Alcoholism .....	—	—	Enteritis .....	—	—	(Execution)		
IV.			Peritonitis .....	—	—	Hanging .....	—	—
Rheumatic fever and rheu- matism of heart .....	—	—	Diseases of liver .....	1	1	VIII.		
Rheumatism .....	—	—	Other diseases of digestive system .....	—	—	Dropsy .....	—	—
Gout .....	—	—	Diseases of lymphatic system and of ductless glands ....	—	—	Debility, atrophy, inanition	—	—
Cancer, malignant disease ..	—	3	Diseases of urinary system ..	—	1	Mortification.....	—	—
Tabes mesenterica .....	—	—	Diseases of generative system	—	—	Tumor .....	—	—
Tubercular meningitis .....	1	—				Abscess .....	—	—
						Hæmorrhage .....	—	—
						Sudden, cause unascertained.	—	—
						Other ill-defined and not spe- cified causes .....	—	—

G. H. AYLIFFE, Registrar of Births and Deaths.

## OCTOBER, 1896.

The highest temperature in the shade at the Adelaide Observatory during the month was  $97^{\circ}\cdot 8$  on the 28th; and the lowest,  $40^{\circ}\cdot 0$ , on the 7th. The mean temperature of the month was  $64^{\circ}\cdot 9$ .

The greatest range of the thermometer in one day,  $41^{\circ}\cdot 7$ , took place on the 27th, viz., from a maximum of  $91^{\circ}\cdot 9$  to a minimum of  $50^{\circ}\cdot 2$ ; the lowest range,  $14^{\circ}\cdot 9$ , on the 30th.

The mean height of the barometer was 29·939 inches; the maximum, 30·215 inches, occurred on the 31st; and the minimum, 29·538 inches, on the 29th.

Observatory, Adelaide, November 7th, 1896.

C. Tonn, Observer.